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**REISSUE APPLICATION DECLARATION BY THE INVENTOR(S)**

Docket Number: 20206-0014(PT-TA-410)

Patent: 5,848,159

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,848,159, granted December 8, 1998, and for which a reissue patent is sought on the invention entitled PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD, the specification of which

☒ is attached hereto along with a preliminary amendment.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_ and was amended on \_\_\_\_\_.

I have reviewed and understand the contents of the above-identified specification, including claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative, for the reasons described below (Check all boxes that apply):

☒ by reason of defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

At column 10, line 65, "where e is the number relatively prime to  $(p_1-1) \cdot (p_2-1)$ ." should be "where e is the number relatively prime to  $(p_1-1) \cdot (p_2-1) \cdot \dots \cdot (p_k-1)$ ."

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

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<b>(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)</b>				Docket Number: 20206-0014(PT-TA-410)	
Patent: 5,848,159					
As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.					
T. PARK, REG. 26,971; R. LANGE, REG. 27,296; W. POMS, REG. 18,782; G.P. SMITH, REG. 20,142; G. E. LANDE, REG. 22,222; A.C. ROSE, REG. 17,047; L.J. BOVASSO, REG. 24,075; C. BERMAN, REG. 29,249; D.J. OLDENKAMP, REG. 29,421; C. DARROW, REG. 30,166; M.E. HARRIS, REG. 26,690; K.A. MACLEAN, REG. 31,118; C. ROSENBERG, REG. 31,464; M.E. BROWN, REG. 28,590; S.R. HANSEN, REG. 38,486; D.N. LARSON, REG. 29,401; J.W. INSKEEP, REG. 33,910; H.D. JASTRAM, REG. 19,777; B. CANTER, REG. 34,792; C.J. LERVICK, REG. 35,244; L. CULLMAN, REG. 39,645; C.A.S. HAMRICK, REG. 22,586; R.O. GUILLOT, REG. 28,852; J. BOYCE, REG. 40,920; C. CHOU, REG. 41,672; A.B. DIEPENBROCK III, REG. 39,960; M.K. BOSWORTH, REG. 28,186; L. SHERRY, REG. 43,918; L. McCROSS, REG. 40,427.					
Correspondence Address: Direct all communications about the application to:					
<input checked="" type="checkbox"/>	Customer Number 25696				
<input checked="" type="checkbox"/>	Firm or Individual Name	Oppenheimer Wolff & Donnelly LLP			
Address		1400 Page Mill Rd.			
City	Palo Alto	State	California	Zip	94303
Country	United States of America				
Telephone	(650) 320-4000	Fax	(650) 320-4100		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor		Thomas Collins			
Inventor's signature		<i>Thomas Collins</i>			
Post Office Address	14890 Baranga Lane, Saratoga, CA 95070	Date	Oct. 20, 2000		
Citizenship	United States of America				
Full name of second joint inventor		Dale Hopkins			
Inventor's signature		<i>Dale Hopkins</i>			
Post Office Address	2425 Ric Drive, Gilroy, CA 95020	Date	Oct. 20, 2000		
Citizenship					
Full name of third joint inventor		Susan Langford			
Inventor's signature		<i>Susan Langford</i>			
Post Office Address	1275 Poplar Avenue, #101, Sunnyvale, CA 94086	Date	Oct. 20, 2000		
Citizenship	United States of America				
Full name of fourth joint inventor		Michael Sabin			
Inventor's signature					
Post Office Address	883 Mango Avenue, Sunnyvale, CA 94087	Date			
Citizenship	United States of America				

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**REISSUE APPLICATION DECLARATION BY THE INVENTOR(S)**

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Patent: 5,848,159

JC914 U.S. PTO  
09/694416  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor Thomas Collins

Inventor's signature

Post Office Address 14890 Baranga Lane, Saratoga, CA 95070

Date

Citizenship United States of America

Full name of second joint inventor Dale Hopkins

Inventor's signature

Post Office Address 2425 Ric Drive, Gilroy, CA 95020

Date

Citizenship

Full name of third joint inventor Susan Langford

Inventor's signature

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Date

Citizenship United States of America

Full name of fourth joint inventor Michael Sabin

Inventor's signature

*Michael Sabin*

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Date

20 OCT 2000

Citizenship United States of America